



Winston H. Hickox
Agency Secretary

Air Resources Board

Alan C. Lloyd, Ph.D.
Chairman

1001 I Street • P.O. Box 2815 • Sacramento, California 95812 • www.arb.ca.gov



Gray Davis
Governor

August 16, 2001

#01-05

Mr. Les Rogers
Engineering Manager
Richards Industries
129 Manufacturers Road
Rockwood, Tennessee 37854

APPROVAL OF THE RICHARDS ASTROVAC NOZZLE ON THE MCS VAPORVAC SYSTEM EXECUTIVE ORDER G-70-150-AE

Dear Mr. Rogers:

In your letter dated March 11, 2001, you request the California Air Resources Board (CARB) to include the Richards Astrovac Vapor Recovery Nozzle on the Marconi Commerce System's (MCS) Vapor Vac System Executive Order G-70-150-AE. The Astrovac nozzle is equipped with an internal vapor valve and mini-boot. When installed in accordance with the manufacturer's installation instructions, the use of the Richards Astrovac nozzle will not adversely affect the performance of the MCS Vapor Vac vapor recovery systems. The Astrovac nozzle is approved for use with MCS Vapor Vac System for the following reasons:

- The Richards Astrovac nozzle is identical to the Catlow ICVN nozzle.
- Correspondence between Richards, Catlow and CARB indicate results from operational testing of the Catlow ICVN nozzle was to be shared with and used by Richards for certification purposes.

As required by the Certification and Test Procedures for Gasoline Vapor Recovery Systems at Service Stations, the approvals of three additional state agencies are a precondition to certification by CARB. The appropriate letters of approval have been received.

If you have any questions regarding the Richards Astrovac Nozzle, please feel free to contact Laura McKinney at (916) 327-0900 or Lou Dinkler at (916) 445-9335 or email at ldinkler@arb.ca.gov.

Sincerely,

Signed Copy on File

William V. Loscutt, Chief
Monitoring and Laboratory Division

cc: see next page

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

Mr. Les Rogers
August 15, 2001
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cc: Diane Johnston, Executive Office
Rosa Salcedo, San Diego County APCD, CAPCOA Chairperson